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28581 7590 03/03/2005

DUANE MORRIS LLP
 PO BOX 5203
 PRINCETON, NJ 08543-5203

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01 FC:1501 1400.00 DA
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Susan Barlett	(Depositor's name)
<i>Susan Barlett</i>	(Signature)
6-1-2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,541	12/08/2003	Peter A. Carruthers	BAE-13	1505

TITLE OF INVENTION: COST-EFFECTIVE MEASUREMENT OF LARGE MACHINE CURRENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/03/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
RO, BENTSU	2837	318-450000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 William H. Meise
 2 Geoffrey H. Krauss
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

BAE Systems Controls, Inc.

Johnson City, NY

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 10

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- ☐ A check in the amount of the fee(s) is enclosed.
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-2061 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

William Meise by Winston Kouh
 Reg No. 42,763

Date 6-1-2005

Typed or printed name

William H. MeiseRegistration No. 24,763

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): Carruthers

Docket No.

BAE-13

Application No.

10/730,541

Filing Date

12/8/2003

Examiner

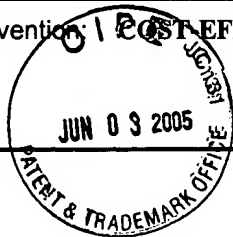
Bentsu Ro

Customer No.

28581

Group Art Unit

2837

Invention: **POST EFFECTIVE MEASUREMENT OF LARGE MACHINE CURRENTS**

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Susan Barlett

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A handwritten signature of Susan Barlett in cursive script.

(Signature of Person Mailing Correspondence)

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TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity) 37 CFR. 1.311)	Docket No. BAE-13
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Applicant(s): Carruthers					
Application No. 10/730,541	Filing Date 12/8/2003	Examiner Bentsu Ro	Customer No. 28581	Group Art Unit 2837	Confirmation No. 1505

Invention: COST-EFFECTIVE MEASUREMENT OF LARGE MACHINE CURRENTS

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Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00 ☐ Design Fee: ☐ Plant Fee:
- ☒ Publication Fee: \$ 300.00
- ☐ A check in the amount of is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-2061 as described below.
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William H. Meise by *William John Kouch*
Signature Reg. No. 42,763

Dated: 6/1/2005

William H. Meise
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Duane Morris LLP
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609-631-2453

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